

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1581.0300002/RWEAPPLICATION NO.
09/340,595APPLICANTS
Podhajcer et al.FILING DATE
June 28, 1999GROUP
1635

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
TGL	AA1						
	AB1	5,248,671	09/28/1993	Smith, L.J.	514	44	12/09/1991
	AC1	5,442,049	08/15/1995	Anderson et al.	536	24.5	01/25/1993
	AD1	5,457,189	10/10/1995	Crooke et al.	536	24.5	03/31/1992
	AE1	6,030,786	02/29/2000	Cowser, L.M.	435	6	09/18/1998
	AF1	6,030,837	02/29/2000	McKay et al.	435	375	08/03/1999
	AG1	6,031,086	02/29/2000	Switzer, C.	536	23.1	07/26/1996
	AH1	6,114,517	09/05/2000	Monia et al.	536	24.5	12/10/1998
	AI1	6,117,847	09/12/2000	Bennett et al.	514	44	06/15/1998
	AJ1	6,117,848	09/12/2000	Monia et al.	514	44	08/03/1998
↓	AK1	6,121,047	09/19/2000	Bennett et al.	435	375	07/21/1999

FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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	AR		
SA	AS	12	Lewis, J.G., et al., "A serum-resistant cytofectin for cellular delivery of antisense oligodeoxynucleotides and plasmid DNA," <i>Proc. Natl. Acad. Sci. USA</i> 93:3176-3181, National Academy of Sciences of the USA (April 1996)
	AT		

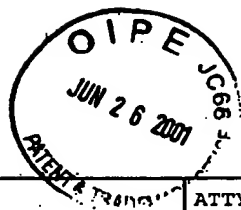
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Thomas J. Lutz

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TGL	AA2	6,130,088	10/10/2000	Monia et al.	435	375	07/21/1999
	AB2	6,133,031	10/17/2000	Monia et al.	435	375	08/19/1999
	AC2	6,133,032	10/17/2000	Monia et al.	435	375	09/09/1999
	AD2	6,136,603	10/24/2000	Dean et al.	435	375	03/26/1999
	AE2	6,136,604	10/24/2000	Monia et al.	435	375	10/27/1999
	AF2	6,140,124	10/31/2000	Monia et al.	435	375	04/06/1999
	AG2	6,140,125	10/31/2000	Taylor et al.	435	375	10/15/1999
	AH2	6,140,126	10/31/2000	Bennett et al.	435	375	10/26/1999
	AI2	6,150,162	11/21/2000	Bennett et al.	435	375	12/17/1998
	AJ2	6,153,595	11/28/2000	Draper et al.	514	44	04/09/1997
✓	AK2	6,156,571	12/05/2000	Bennett et al.	435	375	11/15/1999

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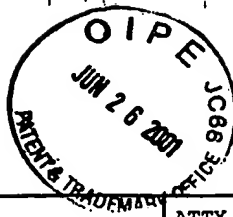
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TGL	AA3	6,159,694	12/12/2000	Karras, J.G.	435	6	04/08/1999
	AB3	6,159,697	12/12/2000	Monia et al.	435	6	01/09/2000
	AC3	6,159,734	12/12/2000	McKay et al.	435	375	01/18/2000
	AD3	6,165,728	12/26/2000	Ward et al.	435	6	11/19/1999
	AE3	6,165,786	12/26/2000	Bennett et al.	435	366	11/03/1999
	AF3	6,165,788	12/26/2000	Bennett et al.	435	375	04/05/1999
	AG3	6,165,789	12/26/2000	Monia et al.	435	375	10/27/1999
	AH3	6,165,790	12/26/2000	Borchers et al.	435	375	11/03/1999
	AI3	6,165,791	12/26/2000	Popoff et al.	435	375	02/24/2000
	AJ3	6,168,950	01/02/2001	Monia et al.	435	375	07/23/1999
✓	AK3	6,171,860	01/09/2001	Baker et al.	435	375	11/05/1999

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TGL	AA4	6,177,246	01/23/2001	Monia et al.	435	6	11/16/1998
	AB4	6,187,585	02/13/2001	Bennett et al.	435	375	05/07/1999
	AC4	6,187,587	02/13/2001	Popoff et al.	435	375	03/02/2000
	AD4	6,190,869	02/20/2001	Bennett et al.	435	6	10/26/1999
	AE4	6,214,986	04/10/2001	Bennett et al.	536	24.5	06/02/1999
	AF4	6,238,921	05/29/2001	Miraglia et al.	435	375	03/26/1998
	AG4						
	AH4						
	AI4						
	AJ4						
	AK4						

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	<p>APPLICANT Podhajcer <i>et al.</i></p>	
	<p>FILING DATE June 28, 1999</p>	<p>GROUP 1635</p>

U.S. PATENT DOCUMENTS

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Citation (Including Author, Title, Date, Publication Pages, Etc.)			
AR	1	Aoki, K., <i>et al.</i> , "Liposome-mediated <i>in Vivo</i> Gene Transfer of Antisense K-ras Construct Inhibits Pancreatic Tumor Dissemination in the Murine Peritoneal Cavity," <i>Cancer Res.</i> 55:3810-3816 (September 1995)	
AS	1	Bellahcène, A., and Castronovo, V., "Increased Expression of Osteonectin and Osteopontin, Two Bone Matrix Proteins, in Human Breast Cancer," <i>Amer. J. Pathol.</i> 146:95-100 (January 1995)	
AT	1	Collier, I.E., <i>et al.</i> , "H-ras Oncogene-transformed Human Bronchial Epithelial Cells (TBE-1) Secrete a Single Metalloprotease Capable of Degrading Basement Membrane Collagen," <i>J. Biol. Chem.</i> 263:6579-6587 (May 1988)	

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12/19/00

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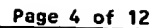
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TOL	AR	2	Everitt, E.A., and Sage, E.H., "Expression of SPARC is Correlated with Altered Morphologies in Transfected F9 Embryonal Carcinoma Cells," <i>Exp. Cell Res.</i> 199:134-146 (1992)
TOL	AS	2	Everitt, E.A., and Sage, E.H., "Overexpression of SPARC in stably transfected F9 cells mediates attachment and spreading in Ca ²⁺ -deficient medium," <i>Biochem. Cell Biol.</i> 70:1368-1379 (December 1992)
TOL	AT	2	Funk, S.E., and Sage, E.H., "The Ca ²⁺ -binding glycoprotein SPARC modulates cell cycle progression in bovine aortic endothelial cells," <i>Proc. Natl. Acad. Sci. USA</i> 88:2648-2652 (April 1991)

EXAMINER	Thomas J. Law	DATE CONSIDERED	2/19/00
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Podhajcer et al.

FILING DATE
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**GROUP
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TOL	AR	4	Laird, A.D., et al., "Inhibition of Tumor Growth in Liver Epithelial Cells Transfected with a Transforming Growth Factor α Antisense Gene," <i>Cancer Res.</i> 54:4224-4232 (August 1994)
TOL	AS	4	Lane, T.F., and Sage, E.H., "Functional Mapping of SPARC: Peptides from Two Distinct Ca ²⁺ -binding Sites Modulate Cell Shape," <i>J. Cell Biol.</i> 111:3065-3076 (December 1990)
TOL	AT	4	Lane, T.F., et al., "Regulation of Gene Expression by SPARC during Angiogenesis <i>in Vitro</i> ," <i>J. Biol. Chem.</i> 267:16736-16745 (August 1992)

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DBL	AR	Z	Mason, I.J., et al., "Evidence from molecular cloning that SPARC, a major product of the mouse embryo parietal endoderm, is related to an endothelial cell 'culture shock' glycoprotein of M _r 43 000," <i>EMBO J.</i> 5:1465-1472 (July 1986)
TH	AS	Z	Maurer, P., et al., "High-affinity and low-affinity calcium binding and stability of the multidomain extracellular 40-kDa basement membrane glycoprotein (BM-40/SPARC/osteonectin)," <i>Eur. J. Biochem.</i> 205:233-240 (April 1992)
TH	AT	Z	Mercola, D., and Cohen, J.S., "Antisense approaches to cancer gene therapy," <i>Cancer Gene Ther.</i> 2:47-59 (March 1995)

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	AR	<u>10</u>	Sage, H., et al., "SPARC, A Secreted Protein Associated with Cellular Proliferation, Inhibits Cell Spreading In Vitro and Exhibits Ca ²⁺ -dependent Binding to the Extracellular Matrix," <i>J. Cell Biol.</i> 109:341-356 (July 1989)
	AS	<u>10</u>	Sage, E.H., and Bornstein, P., "Extracellular Proteins That Modulate Cell-Matrix Interactions," <i>J. Biol. Chem.</i> 266:14831-14834 (August 1991)
	AT	<u>10</u>	Sage, E.H., "Terms of attachment: SPARC and tumorigenesis," <i>Nature Med.</i> 3:144-146 (February 1997)

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Tbl	AR	11	Swaroop, A., <i>et al.</i> , "Molecular Analysis of the cDNA for Human SPARC/Osteonectin/BM-40: Sequence, Expression and Localization of the Gene to Chromosome 5q31-q33," <i>Genomics</i> 2:37-47 (January 1988)
Tbl	AS	11	Tremble, P.M., <i>et al.</i> , "SPARC, a Secreted Protein Associated with Morphogenesis and Tissue Remodeling, Induces Expression of Metalloproteinases in Fibroblasts Through a Novel Extracellular Matrix-dependent Pathway," <i>J. Cell Biol.</i> 121:1433-1444 (June 1993)
Tbl	AT	11	Trojan, J., <i>et al.</i> , "Treatment and Prevention of Rat Glioblastoma by Immunogenic C6 Cells Expressing Antisense Insulin-Like Growth Factor I RNA," <i>Science</i> 259:94-97 (January 1993)

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	AR	<u>12</u>	International Search Report for PCT/GB97/03548, mailed July 16, 1998
	AS	<u>12</u>	

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